NOTICE AND NECESSARY INFORMATION (NANI)

This form is to assist compliance with the bulk sewage (biosolids) notification requirements [503.12(f)]. Please note, however, that if the biosolids meet the exceptional quality criteria, then the notification requirements do not apply. This form can be used by preparers of biosolids to transmit information to land appliers and also by land appliers to transmit information to land owners or lease holders.

Facility and Biosolids Type:: GWRP Compliance

Monitoring Period: 3/1/17 To: 4/30/17

Name	Concentration (mg/Kg) Dry Weight	Pollutant Concentrations (Table 3, 40 CFR 503.13) Monthly Average	Ceiling Concentrations* (Table I, 40 CFR 503.13) Daily Maximum
Arsenic	< 14	41	75
Cadmium	< 2.3	39	85
Chromium	33	N/A**	3000
Copper	190	1500	4300
Lead	5.0	300	840
Mercury	0.42	17	57
Molybdenum	9.9	N/A**	75
Nickel	15	420	420
Nitrogen Concen	54800	N/A**	N/A**
Selenium	< 23	100	100
Zinc	580	2800	7500

* Biosolids may no	t be land applied if an	y pollutant exceeds these values.
--------------------	-------------------------	-----------------------------------

** EPA has temporarily removed molybdenum limits from Ta	ble 3, Table 2 and Table
B. Pathogen Reduction (40CFR 503.32) Please indicate t	he level achieved
C. Vector Attraction Reduction (40CFR 503.33) Please in	ndicate the option perform
Option 1 Option 2 Option 5 Option 6 No vector attraction reduction options were p	Option 3 Option 4 Option 7 Option 8 Description 4
D. Certification I certify, under penalty of law, that the information that will be requirements in §503.32(b) and the vector attraction reduction direction and supervision in accordance with the system desig evaluate this information. I am aware that there are significant fine and imprisonment.	requirement in §503.33(b)(1) was prepared under my ned to ensure that qualified personnel properly gather and
A. Name and Official Title Jennifer Hetherington, Wastewater Compliance Specialist	B. Area Code and Telephone Number 480-644-3890
C. Signature	D. Date Signed 4/3/17

Laboratory Sample ID: 170309003



CITY OF MESA COMPLIANCE LABORATORY 640 NORTH MESA DRIVE MESA, ARIZONA 85211

Environmental Laboratory License AZ0410

LABORATORY SUPERVISOR: MATTHEW REXING Ph (480)644-5403 QUALITY ASSURANCE COORDINATOR: Amy Cerwinske Ph (480)644-6901

Attn: Jennifer Hetherington

OrderID: 170309003

CollectDate: 3/9/2017 ReceiveDate: 3/9/2017

Collection Time: 5:15:00 AM Customer Sample#:

Collector: R. Adams Project ID: GWRP Biosolids
Sample Number: 17030413 Site: GWRP Biosolids

RESULTS

		RE:	SULIS		Analysis	
Parameter	Method No	MRL	Qualifier	Result	Date	Analyst
Nitrogen, Ammonia Total	SM4500-NH3D	228	D2	7840 mg/Kg-dry	3/14/2017	PSERIA
Cyanide, Total	EPA 9014	18		< 18 mg/Kg-dry	3/13/2017	TAL
Arsenic, Total	EPA 6010C	14		< 14 mg/Kg-dry	3/28/2017	TAL
Cadmium, Total	EPA 6010C	2.3		< 2.3 mg/Kg-dry	3/28/2017	TAL
Chromium, Total	EPA 6010C	9.1		33 mg/Kg-dry	3/28/2017	TAL
Copper, Total	EPA 6010C	11		190 mg/Kg-dry	3/28/2017	TAL
Lead, Total	EPA 6010C	4.6		5.0 mg/Kg-dry	3/28/2017	TAL
Molybdenum, Total	EPA 6010C	9.1		9.9 mg/Kg-dry	3/28/2017	TAL
Nickel, Total	EPA 6010C	9.1		15 mg/Kg-dry	3/28/2017	TAL
Selenium, Total	EPA 6010C	23		< 23 mg/Kg-dry	3/28/2017	TAL
Silver, Total	EPA 6010C	11		< 11 mg/Kg-dry	3/28/2017	TAL
Zinc, Total	EPA 6010C	23		580 mg/Kg-dry	3/28/2017	TAL
Selenium, Total	EPA 6010C	0.25		< 0.25 mg/L	3/15/2017	TAL
Mercury, Total	EPA 7471A	0.27		0.42 mg/Kg-dry	3/16/2017	TAL
Nitrogen, Nitrate-Nitrite Total	EPA 9056	102	D1, M2	< 102 mg/Kg-dry	3/13/2017	KHALLA
Nitrogen, Kjeldahl Total	SM4500-Norg	902		54800 mg/Kg-dry	3/23/2017	PSERIA
Nitrogen, Total	Calculation	1000		54800 mg/Kg-dry	3/28/2017	mrexing
Paint Filter	EPA 9095B			abs pres/abs	3/13/2017	PSERIA
Percent Moisture	SM2540G	0.1		78.3 %	3/10/2017	TAL
Percent Soil	SM2540G	0.1		21.7 %	3/10/2017	TAL
рН	EPA 9045D	1.68		8.20 S.U.	3/13/2017	PSERIA
Phosphate as P, Total	SM4500-P	4532	D2, M4, R2	30500 mg/Kg-dry	3/15/2017	PSERIA
Solids, Total	SM2540G	1		22.0 %	3/10/2017	GSMITH2

QUALIFIERS

D2 Sample diluted due to high concentration.

COMMENTS

D1 Sample required dilution due to matrix. M2 Matrix spike recovery was low; the associated blank spike recovery was acceptable.

M4 The analysis of the spiked sample required a dilution such that the spike recovery calculation does not provide useful information. The assocaited blank spike recovery was acceptable. R2 RPD/RSD exceeded the laboratory acceptance limit due to matrix.

REVIEWED BY: Comy & Concoraste

Date Signed: 4/3/2017



Chain of Custody Project Manager: Jennifer Hetherington

Order# 170305003			Sampled By: Rick Adams		
Customer Name: GWRP C			Date Sampled:		
Project Name: GWRP BIOSOLIDS			Time Sampled:	1	
			Receiving Temp: 3.04		
Sample Numbe			Comments:		
Sample Willibe	The second secon	1			-
Analysis Paint Filter	GWRP Biosolids	# of Bottles	Metals: Arsenic, Cadmium, Chromium, Copper, Lead, Molybdenum, Nickel, Selenium, Silver, Zinc		
Paint Filter	×				1
Mercury - SW7471A	×				1
Metals - SW6010B	×]		1
pH	×		200 000 0000 0000		_1
Temperature	×		Time Sampled:	Sampler	
Ammonia - 4500NH3D	X		00:05	CMH.	
Nitrate-N - EPA9056	X		00:45	THAT	
Nitrite-N - EPA9056	x		01130	TUN	
TKN - 4500 N ORG C	x		02:15	CVIIA-	
Phosphorus - 4500-P8,E	×		03:00	Sult	7
% Moisture	×		03:45	SUB	7
% Solids	×		04:30	34/4	7
Cyanide Total - 9014	X		05:15	CHA-	7
Total Nitrogen	X				
ICP -Selenium TCLP	X				7
		2			7
					_
			1		
			1		
]		
]		
	0				
Sampled&Relinguished by	77		Sampled&Relinquished by:		-
Signature: Sale Helic		Time: 0540	Signature:		Time:
Printed Name: Rick Adams		Date: 3/9/17	Printed Name:		Date:
Company Name: City of Mesce, AZ			Company Name:		
Received by:		Received by:			
Signature: St. S. Z.		Time: 0540	Signature:		Time:
Printed Name: 5. Lenz		Date: 3/7//7	Printed Name:		Date:
Company Name:		CONTRACTOR OF STREET	Company Name:		- Passan
Sampled&Relinquished by	(2)		Sampled&Relin	quished by:	
Signature: Q. Z.V		Time: 0730	Signature:		Time:
Printed Name:		Date:3/9//7	Printed Name:		Date:
Company Name:		Company Name:			
Received by:	2		Received by:		
Signature: 97	~\~	Time: 0730	Signature:		Time:
Printed Name: SL Smith		Date: 3-9-17	Printed Name:		Date:
Company Name:			Company Name:		